



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:09 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 418 Const Calendar Day: 770 Date: 18-Oct-2011 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Mathur, Lalit

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 60 - 70 4PM 60 - 70

Precipitation 0.00"

Condition Mostly overcast to partly overcast

Working Day ☐ If no, explain:

Diary:

Dispute

Work description.

- Conducted a practice survey from MB007 with District 4 surveyors and Roman Granados of the first cable strand. There were four points staked out which included 24N, 24S, 80N, and 80S. The coordinates used were the local bridge dimensions from Drawing DE441BU of Submittal 2447R0. Procedures and contingency plans were discussed to be able to handle any issues that may arise from surveying the first cable strand.
- Recalibrated Topcon GPS equipment with District 4 surveyor Rick Erskine. Control points MB007, TIN3, 6056, Receive Reset 1970, and SKY3 were used for the localization of the SAS project limits. Tested the defined localization on control points 6040, 6203, and SKY3. The horizontal and vertical coordinates were within tolerable surveying error. SKY 3 was also checked with the localization set to control points MB007, TIN3, 6056, and Receive Reset 1970 prior to including into the localized control points. This was done to check the horizontal movement of the westbound Skyway structure at the E3 Pier Table. Began to process the data gathered today.
- Showed Roman Granados the procedure for using trig leveling from the W2 cap beam for the first cable strand. The two points staked out were 24N and 24S from point JA1001 which is brass cap on the W2 cap beam. The coordinates used were the local bridge dimensions from Drawing DE441BU of Submittal 2447R0.
- Worked on a plan to survey the first cable strand with Roman Granados and Rick Erskine.

Attachment



OBG lift 14W on a barge near Pier 7 where ABF ironworkers are continuing to place PWS anchor rods.



View from the centerline of panel point 110W where trig leveling may be used for determining the most accurate elevation of the 1st cable



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strand.